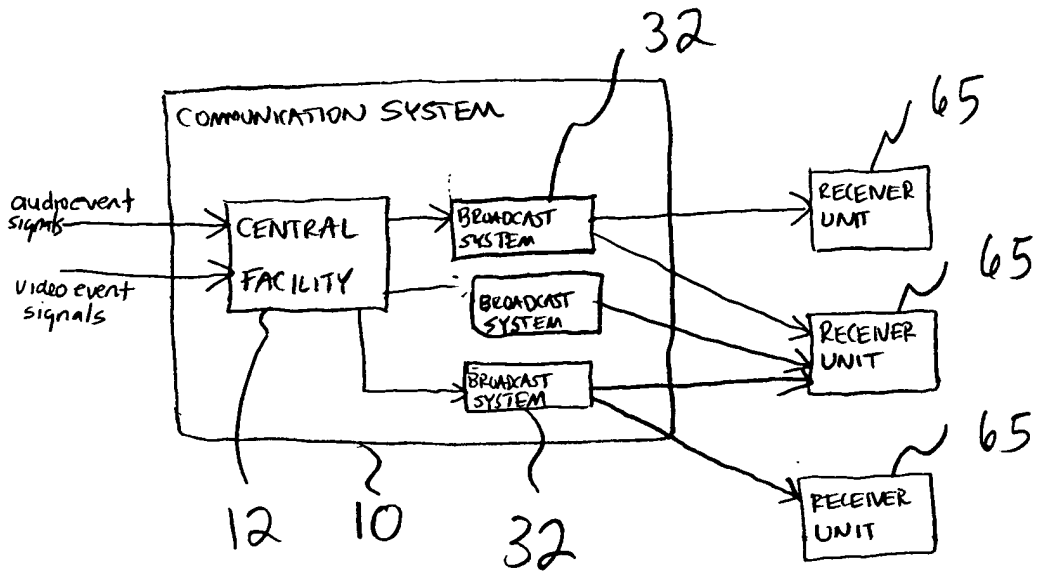

32
COMMUNICATION SYSTEM
65
audio event signals
CENTRAL FACILITY
BROADCAST SYSTEM
RECEIVER UNIT
video event signals
BROADCAST SYSTEM
65
RECEIVER UNIT
BROADCAST SYSTEM
65
RECEIVER UNIT
12
10
32

FIG. 1

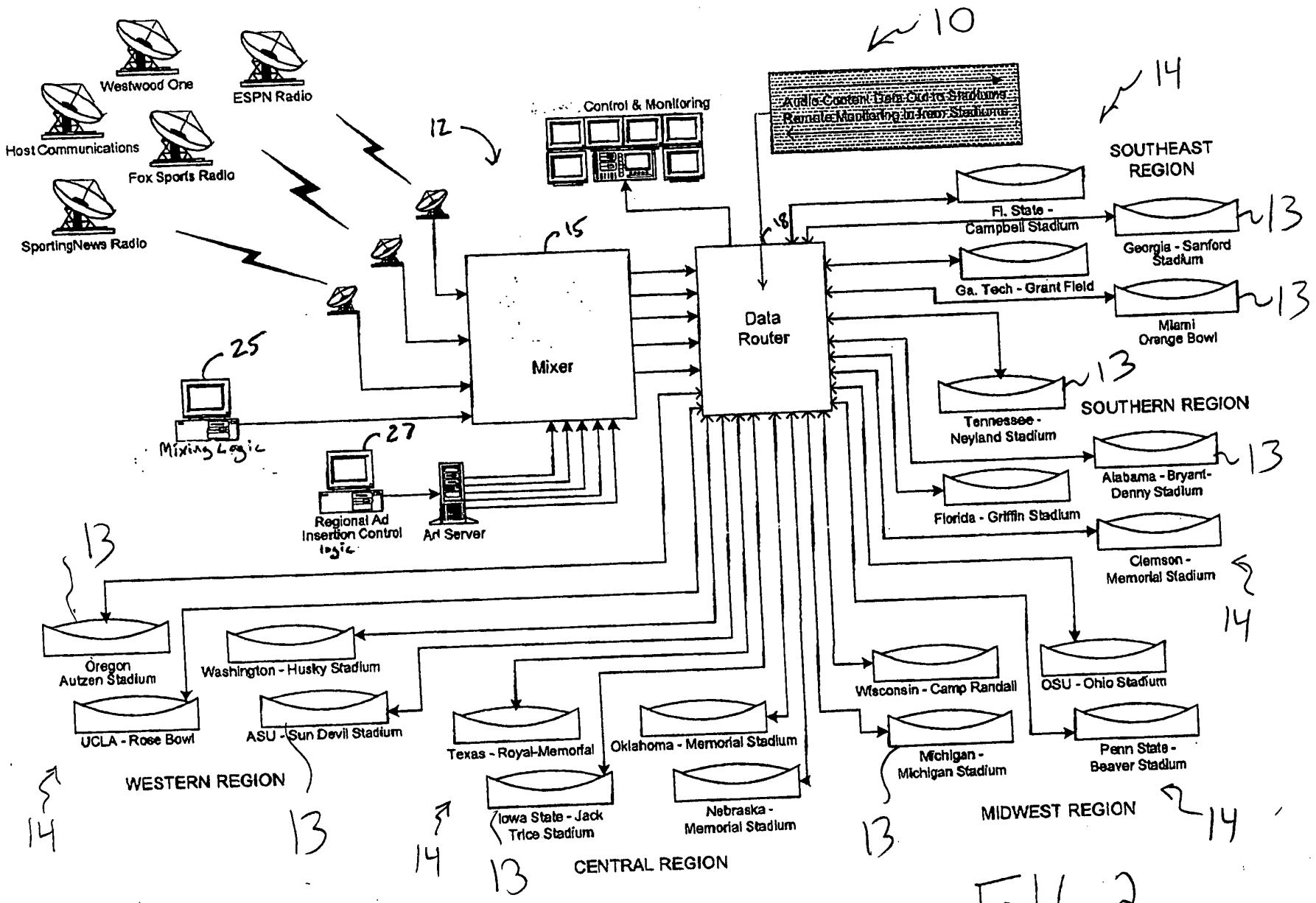
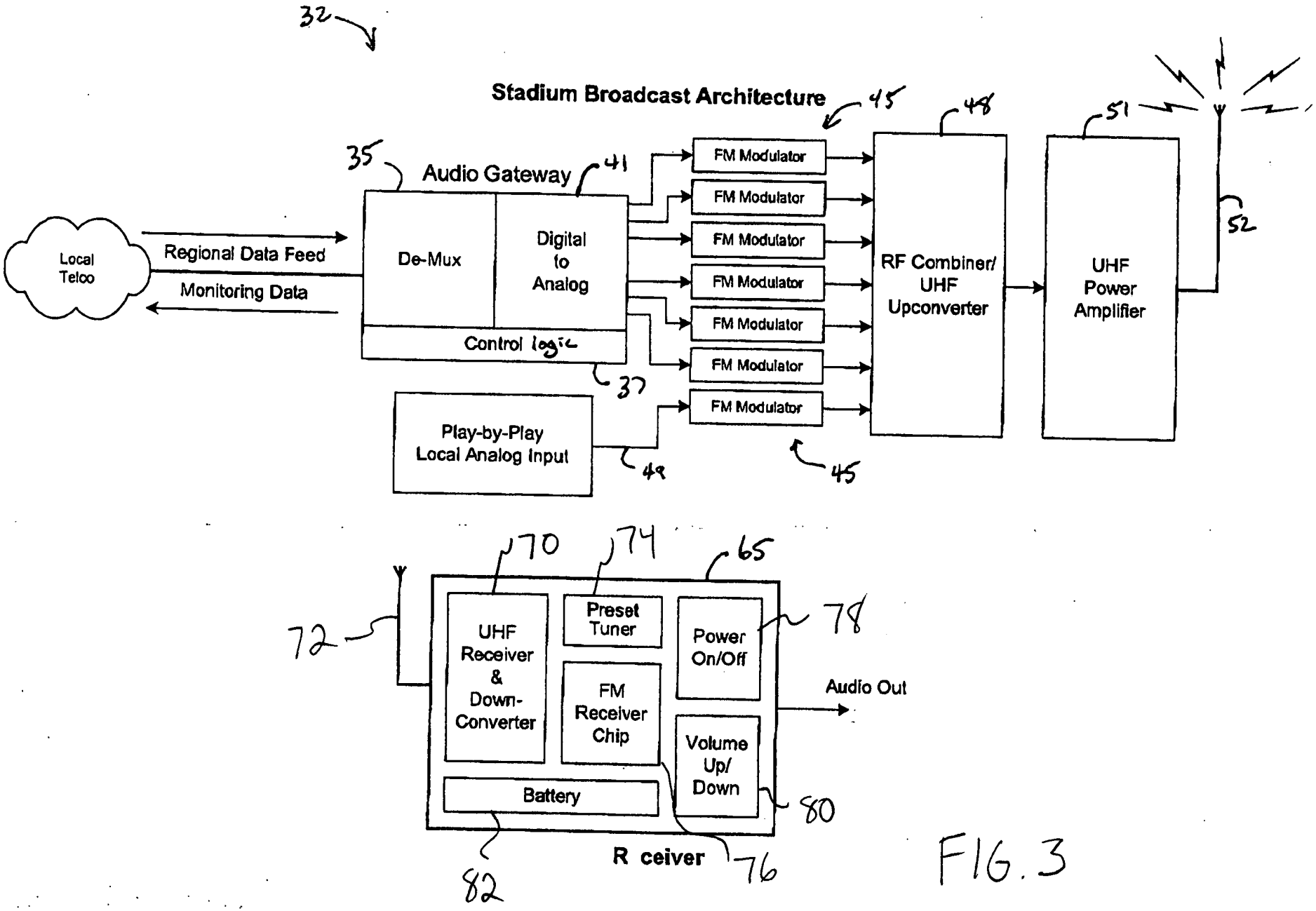


FIG. 2

NOTE: All regions, schools & networks are hypothetical, for illustrative purposes only.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Stadium Broadcast Architecture
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Audio Gateway
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FM Modulator
FM Modulator
FM Modulator
FM Modulator
FM Modulator
FM Modulator
Local Telco
Regional Data Feed
Monitoring Data
De-Mux
Digital to Analog
Control logic
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RF Combiner/ UHF Upconverter
UHF Power Amplifier
52
Play-by-Play Local Analog Input
49
45
70
74
65
72
UHF Receiver & Down-Converter
Preset Tuner
Power On/Off
78
Audio Out
FM Receiver Chip
Volume Up/ Down
Battery
80
82
R ceiver
76

FIG. 3

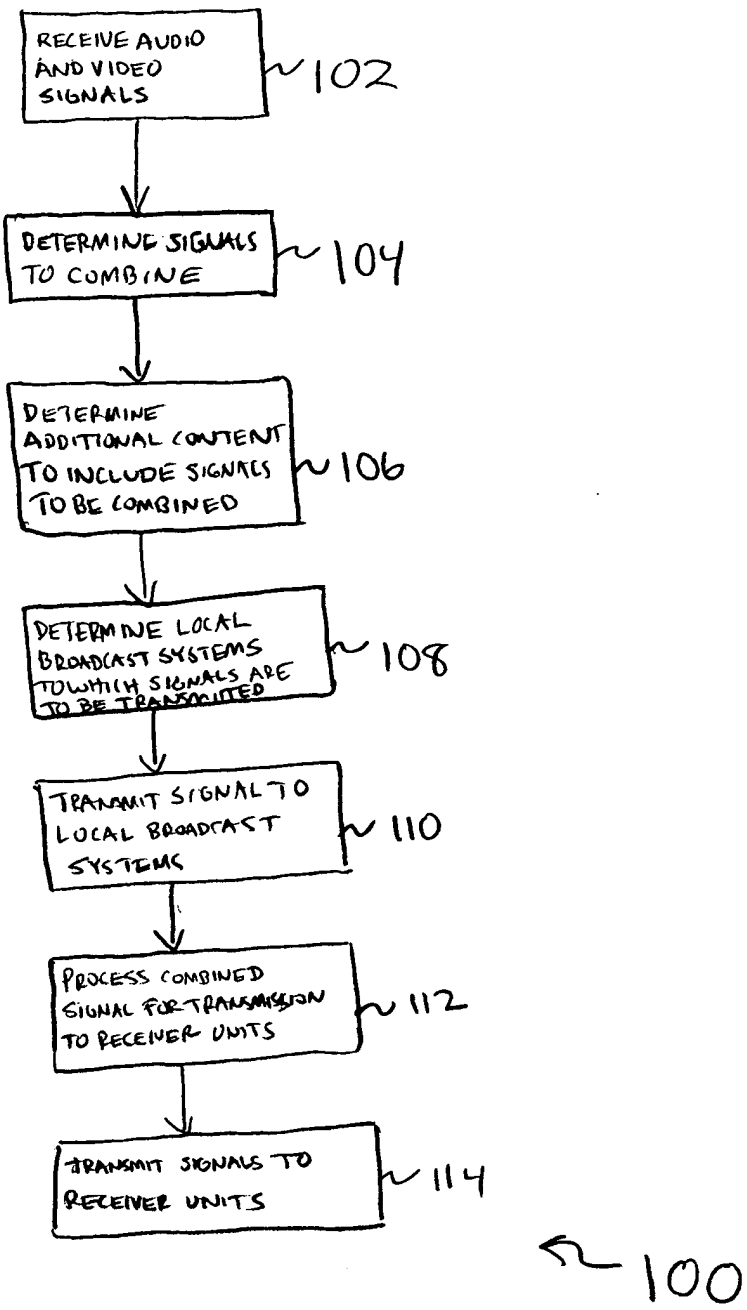
RECEIVE AUDIO AND VIDEO SIGNALS
102
DETERMINE SIGNALS TO COMBINE
104
DETERMINE ADDITIONAL CONTENT TO INCLUDE SIGNALS TO BE COMBINED
106
DETERMINE LOCAL BROADCAST SYSTEMS TO WHICH SIGNALS ARE TO BE TRANSMITTED
108
TRANSMIT SIGNAL TO LOCAL BROADCAST SYSTEMS
110
PROCESS COMBINED SIGNAL FOR TRANSMISSION TO RECEIVER UNITS
112
TRANSMIT SIGNALS TO RECEIVER UNITS
114
100

FIG. 4